BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: Construction of Sculptures in Parks, Lakes, Circles and Junctions in ward No.01, 02, 03 and 04 of Yelahanka Sub Division

Agency	M/s NPR infratech, (Sri N purushotham Raju) SLV Nilaya , No. 38/1, Sankranthi Layout, 4th main, JP Nagar, 7th phase, Bangalore-78
Approved Amount	27609031.00
Name of Contractor:-	Sri N Purushotham Raju
Tender premium:-	(+ 1)% Above

EIRL - 3

Sl No	Item Of Work	Unit	Estimate qty	Rate from EIRL Rate analysis	Amount (Rs.)	Whether the item alternative in tender or additional items	Whether the extra item is included in sanctioned estimate	How the Cost is proposed to be met	Whether extra item is included in S.R.	Remarks
1	2	3	4	5	6	7	8	9	10	11
E34	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit /casing capping casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) without control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block, complete for each outlet. Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch box	Point	26.00	252.50	6565.00	Additional Items	No	-	Pg No 5 of KPWD Ele. S.R 2018-19	
E35	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall, 1-3Way	Each	2.00	95.95	192.00	Additional Items	No	-	Pg No 9 of KPWD Ele. S.R 2018-19	
E36	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall, 6Way	Each	6.00	126.25	758.00	Additional Items	No	-	Pg No 9 of KPWD Ele. S.R 2018-19	
E37	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 1 to 3 Module	Each	2.00	111.10	223.00	Additional Items	No	-	Pg No 9 of KPWD Ele. S.R 2018-19	
E38	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 6 Module	Each	6.00	176.75	1061.00	Additional Items	No	-	Pg No 9 of KPWD Ele. S.R 2018-19	

Sl No	Item Of Work	Unit	Estimate qty	Rate from EIRL Rate analysis	Amount (Rs.)	Whether the item alternative in tender or additional items	Whether the extra item is included in sanctioned estimate	How the Cost is proposed to be met	Whether extra item is included in S.R.	Remarks
1	2	3	4	5	6	7	8	9	10	11
E39	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. 6Amps one way Switch	Each	26.00	70.70	1839.00	Additional Items	No	-	Pg No 10 of KPWD Ele. S.R 2018-19	
E40	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. Stepped Fan Regulator	Each	2.00	292.90	586.00	Additional Items	No	-	Pg No 10 of KPWD Ele. S.R 2018-19	
E41	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. 6Amps 3way socket	Each	6.00	106.05	637.00	Additional Items	No	-	Pg No 10 of KPWD Ele. S.R 2018-19	
E42	Supplying & fixing of retrofit type - LED bulb.....W with OPAL acrylic diffuser comprising of LED source with CCT 6500 degree K. CRI> 70%. efficacy >80 lumen per watt, life> 25000 burning hours and Compliance to IS 10322/IEC 60598. LM 79 & LM 80. The LED are driven by HF electronic driver integrated in the system, with PF > 0.95, power loss should < 5% of lamp wattage., short circuit & open circuit protection to be integrated in the circuit, THD less than 20%. Life as per LM 79. The operating input voltage should be between 130 to 275 volts. BIS Approved and Tested by NABL/CPRI accredited laboratory with 2 years Warranty against any manufacturing defect working under standard electrical condition. 15W, 6500K	Each	6.00	217.15	1303.00	Additional Items	No	-	Pg No 68 of KPWD Ele. S.R 2018-19	

Sl No	Item Of Work	Unit	Estimate qty	Rate from EIRL Rate analysis	Amount (Rs.)	Whether the item alternative in tender or additional items	Whether the extra item is included in sanctioned estimate	How the Cost is proposed to be met	Whether extra item is included in S.R.	Remarks
1	2	3	4	5	6	7	8	9	10	11
E43	Supply, Installation, Testing and Commissioning of LED RGB/RGBW floodlighting luminaire for facade lighting with Die-cast aluminium housing, powder-coated finish, of following wattage. Luminaire shall be capable of producing dynamic color changing light for with 16 million colors by DMX/Ethernet based control. The beam angle of the fitting shall be narrow, medium, wide or asymmetric as per the requirement. Luminaire shall be complete with driver and capable of operating at line voltage without any separate power supply from 100-270 V AC, 50 Hz with power factor> 0.9. Fixture shall be suitable to operate at an ambient temperature range of 10°C to +50°C and shall be IP 65 and IK 06 rated. Lifetime shall be at least L70:50000 burning hours at 50°C. Luminaire shall be conforming to BIS (IS 10322) and shall be complete with all necessary accessories required for proper working of fixture including weather proof connection cables, water proof connectors etc. as required. 45W	Each	78.00	37612.40	2933768.00	Additional Items	No	-	Pg No 28 of KPWD Ele. S.R 2018-19	
E44	Supplying of .....feet - PVC Batten with integrated LED tube .....W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition. LED light fighting 1 x4'- 20/22 w	Each	4.00	378.75	1515.00	Additional Items	No	-	Pg No 64 of KPWD Ele. S.R 2018-19	

Sl No	Item Of Work	Unit	Estimate qty	Rate from EIRL Rate analysis	Amount (Rs.)	Whether the item alternative in tender or additional items	Whether the extra item is included in sanctioned estimate	How the Cost is proposed to be met	Whether extra item is included in S.R.	Remarks
1	2	3	4	5	6	7	8	9	10	11
E45	Supplying & fixing - flexible LED Strip Light .....W Power consumption in 5mtrs length CCT 6500 degree K, CRI> 70%. efficacy >80 lumen per watt, life> 25000 burning hours and Compliance to IS 10322/IEC 60598, LM 79 & LM 80. The LED are driven by HF electronic driver non integrated, with PF > 0.95, power loss should < 5% of lamp wattage., short circuit & open circuit protection to be integrated in the circuit, THD less than 20%, Life as per LM 79. The operating input voltage should be between 130 to 275 volts. BIS Approved with 2 years Warranty against any manufacturing defect working under standard electrical condition.	m	90.00	1414.00	127260.00	Additional Items	No	-	Pg No 64 of KPWD Ele. S.R 2018-19	
E46	Supplying & fixing LED Drivers suitable for 5700K LED fitting Outdoor Fixtures. Operating voltage range from 180V to 265V, 50Hz AC power Supply. 40W 5700K suitable for outdoor LED fitting.	Each	60.00	1717.00	103020.00	Additional Items	No	-	Pg No 76 of KPWD Ele. S.R 2018-19	
E47	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc.,complete.(As per Civil SR KSRB I-2, P-7). In soil (ordinary)	m	185.00	76.76	14201.00	Additional Items	No	-	Pg No 41 of KPWD Ele. S.R 2018-19	

Sl No	Item Of Work	Unit	Estimate qty	Rate from EIRL Rate analysis	Amount (Rs.)	Whether the item alternative in tender or additional items	Whether the extra item is included in sanctioned estimate	How the Cost is proposed to be met	Whether extra item is included in S.R.	Remarks
1	2	3	4	5	6	7	8	9	10	11
E48	Supply, Installation, Testing and Commissioning of LED RGB/RGBW floodlighting luminaire for facade lighting with Die-cast aluminium housing, powder-coated finish, of following wattage. Luminaire shall be capable of producing dynamic color changing light for with 16 million colors by DMX/Ethernet based control. The beam angle of the fitting shall be narrow, medium, wide or asymmetric as per the requirement. Luminaire shall be complete with driver and capable of operating at line voltage without any separate power supply from 100-270 V AC, 50 Hz with power factor> 0.9. Fixture shall be suitable to operate at an ambient temperature range of 10°C to +50°C and shall be IP 65 and IK 06 rated. Lifetime shall be at least L70:50000 burning hours at 50°C. Luminaire shall be conforming to BIS (IS 10322) and shall be complete with all necessary accessories required for proper working of fixture including weather proof connection cables, water proof connectors etc. as required. 30W	Each	22.00	20219.19	444823.00	Additional Items	No	-	Pg No 07 of KPWD Ele. S.R 2018-19	
	TOTAL EIRL AMOUNT				3637751.00					

Contractor

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

ಯೋಜನಾ ವಿಭಾಗ, ಯಲಹಂಕ ವಲಯ
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ,
ಬೆಂಗಳೂರು - 560092.

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: Construction of Sculptures in Parks, Lakes, Circles and Junctions in ward No.01, 02, 03 and 04 of Yelahanka Sub Division

WORKSLIP - 5

Assessed Amount: 27609031.00

Name of Contractor:- Sri N Purushotham Raju

Tender premium:- (+ 1)% Above

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Quantity	Qty. upto 125%			Qty. above 125%			Total Amount	Excess amount	Now To be Paid amount	Savings	Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt.					
69	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery,	Cum	127.41	5462.20	695938.90	139.25	139.25	5462.20	760612.00	0.00	0.00	0.00	760612.00	64673.10	64673.10	0.00	
102	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694 confirming to Latest amendements. item no-2.3.Item2.3.4 page no-5.6 PWD SR 2018-	Each	200.00	45.45	9090.00	1860.00	250.00	45.45	11363.00	1610.00	49.00	78925.00	90288.00	81302.00	81302.00	0.00	
108	Providing and laying heavy duty cobble stones 60 mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries	Sqm	146.00	1127.36	164594.56	698.56	182.50	1127.36	205744.00	516.06	1148.61	592753.00	798497.00	633902.44	633902.44	0.00	
	Grand total				869623.46				977719.00			671732.00	1649501.00	779877.54	779877.54	0.00	

TOTAL WORKSLIP AMOUNT = 779877.54

Contractor

Assistant Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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